

Todd L. Cherry

July 2021

Department of Economics
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CICERO Center for International
Climate Research – Oslo
University of Oslo, PB 1129 Blindern
0318 Oslo Norway

Current Appointments

University of Wyoming

John S. Bugas Chair & Professor, Department of Economics (since 2020)

Director of Graduate Studies, Department of Economics (since 2020)

CICERO Center for International Climate Research, Oslo Norway

Senior Research Fellow (since 2011)

Indiana University (since 2021)

Affiliated Faculty, Ostrom Workshop (since 2021)

Appalachian State University

Research Professor, Department of Economics, (since 2020)

Previous Appointments

Appalachian State University

Chair, Department of Economics (2017-20)

Professor, Department of Economics (2009-20)

Research Fellow, Appalachian Energy Center, (2007-20)

Director, Center for Economic Research & Policy Analysis (2008-17)

Interim Director, Appalachian Energy Center (2008-09)

Harlan E. Boyles Professor, Department of Economics (2004-08)

Associate (2003-09) & Assistant Professor (2001-03), Department of Economics

University of Alaska Anchorage

Rasmuson Distinguished Chair in Economics (2013-14)

North Carolina State University

Faculty Fellow, Institute for Emerging Issues (2006-07)

University of Tennessee

Stokley Scholar & Associate Professor, Department of Economics (2007)

University of Central Florida

Assistant Professor, Department of Economics (1999-2000)

Education

Ph.D., Economics, University of Wyoming, July 1999

M.A., Economics, University of North Carolina at Greensboro, May 1995

B.S., Economics, Appalachian State University, December 1992

Editorial and Advisory Positions

Editorial Board, *Journal of Environmental Economics and Management* (since 2015)

Associate Editor, *Resource and Energy Economics* (since 2012)

Editorial Board, *Challenges in Sustainability* (since 2012)

Mountain Resource Commission TAC, North Carolina General Assembly (2011-13)

Technical Advisor, North Carolina Rural Economic Development Center (2009-10)

Research Interests

Environmental and Natural Resource Economics, Behavioral and Experimental Economics, Energy and Climate Policy, Public Economics

Publications

“Policy Analysis of COVID-19: Insights from Environmental Economics” (with M. Ashworth, D. Finnoff, S. Newbold, J. Shogren and L. Thunstrom) *Review of Environmental Economics and Policy*, forthcoming, 2022.

“Messaging to Boost COVID-19 Vaccinations: Emphasize Personal Health Benefits” (with M. Ashworth, L. Thunstrom, S. Newbold and D. Finnoff) *Proceedings of the National Academy of Sciences*, Volume 118, Number 32, 2021.

“Can the Paris Agreement Deliver Ambitious Climate Cooperation? An Experimental Investigation of the Effectiveness of Pledge-and-Review and Targeting Short-lived Climate Pollutants” (with S. Kallbekken, H. Sælen and S. Aakr) *Environmental Science and Policy*, Volume 123, 2021.

“The impact of public health messaging and personal experience on the acceptance of mask wearing during the COVID-19 pandemic” (with A. James and J. Murphy) *Journal of Economic Behavior and Organization*, Volume 187, 2021.

“Does Solar Geoengineering Crowd-out Climate Change Mitigation Efforts? Evidence from a Stated Preference Referendum on a Carbon Tax” (with S. Kallbekken, S. Kroll and D. McEvoy) *Climatic Change*, Volume 165, 2021.

“Learning to Accept Welfare-enhancing Policies: An Experimental Investigation of Congestion Pricing” (with N. Janusch, S. Kroll, C. Goemans and S. Kallbekken) *Experimental Economics*, Volume 24, 2021.

“Institutional Inequality and Individual Preferences for Honesty and Generosity” (with J. Birkelund) *Journal of Economic Behavior and Organization*, Volume 170, 2020.

“Residential Photovoltaic Systems in Norway: Household Knowledge, Preferences and Willingness to Pay” (with H. Sæle) *Challenges in Sustainability*, Volume 8, Number 1, 2020.

“Cultural Worldviews, Institutional Rules and the Willingness to Participate in Green Energy Programs” (with D. McEvoy and H. Westkog) *Resource and Energy Economics*, Volume 56, 2019.

“Refundable Deposits as Enforcement Mechanisms in Cooperative Agreements” (with D. McEvoy) *Strategic Behavior and the Environment*, Volume 7, Number 1-2, 2017.

“Population Shifts and Discrete Public Services: Rationing Rules and the Support for Public Goods” (with S. Cotten and M. McKee) *Public Finance Review*, Volume 47, Number 3, 2017.

“Accepting Market Failure: Cultural Worldviews and the Opposition to Corrective Environmental Policies” (with S. Kallbekken and S. Kroll) *Journal of Environmental Economics and Management*, Volume 85, 2017.

“Conditional Cooperation and Cultural Worldviews” (with D. McEvoy and H. Sælen) *Economics Letters*, Volume 158, 2017.

“Willingness to Accept Local Wind Energy Development: Does the Compensation Mechanism Matter?” (with J. Garcia, S. Kallbekken, A. Torvanger) *Energy Policy*, Volume 99, 2016.

“Endogenous Context in a Dictator Game” (with D. McEvoy, J. Shogren, L. Thunstrom) *Journal of Behavioral and Experimental Economics*, Volume 65, 2016.

Toward a New Climate Agreement: Conflict, Resolution and Governance (edited with J. Hovi and D. McEvoy) London UK: Routledge, 2014. (paperback 2016)

“The Prospects for Paris: Behavioral Insights into Unconditional Cooperation on Climate Change” (with D. McEvoy) *Palgrave Communication*, Volume 2, 2016.

“Sharing as Risk Pooling in a Social Dilemma Experiment” (with L. Howe and J. Murphy) *Ecology and Society*, Volume 20, Number 1, 2015.

“Why Do People Oppose Solutions to Climate Change?” *Klima*, Fall 2015.

“Endogenous Minimum Participation in International Environmental Agreements: An Experimental Analysis” (with D. McEvoy and J. Stranlund) *Environmental and Resource Economics*, Volume 58, Number 2, 2014.

“The Impact of Trial Runs on the Acceptability of Environmental Taxes: Experimental Evidence” (with S. Kallbekken and S. Kroll) *Resource and Energy Economics*, Volume 38, Number 1, 2014.

“GDP: No One Metric Can Rule Them All” (with G. Marland and H. Neufeld) *Nature* (correspondence), Volume 507, Number 7490, 2014.

“The Development and Deployment of Low-Carbon Energy Technologies: The Role of Economic Interests and Cultural Worldviews on Public Support” (with García, Kallbekken and Torvanger) *Energy Policy*, Volume 68, Number 0, 2014.

“Endogenous Participation Constraints in International Environmental Agreements” (with D. McEvoy and J. Stranlund) in *Toward a New Climate Agreement: Conflict Resolution and Governance* (Cherry, Hovi and McEvoy, eds) London UK: Routledge, 2014.

“Climate Change Impacts on Crop Yield: Evidence from China” (with T. Wei, S. Glomsrød and T. Zhang) *Science of the Total Environment*, Volume 499, 2014.

“Toward a New Climate Agreement: Introduction” (with J. Hovi and D. McEvoy) in *Toward a New Climate Agreement: Conflict Resolution and Governance* (Cherry, Hovi and McEvoy, eds) London UK: Routledge, 2014.

“Experimental Economics and Environmental Policy” (with D. McEvoy and M. McKee) in *Environmental and Natural Resource Economics: An Encyclopedia* (Haab and Whitehead, eds) Santa Barbara CA: Greenwood, 2014.

“Behavioral Economics” in *Environmental and Natural Resource Economics: An Encyclopedia* (Haab and Whitehead, eds) Santa Barbara CA: Greenwood, 2014.

“Heterogeneity, Coordination and the Provision of Best Shot Public Goods” (with S. Cotton and S. Kroll) *Experimental Economics*, Volume 16, Number 4, 2013.

“The Appropriation of Endogenously Provided Common-pool Resources” (with S. Cotton and L. Jones) *Resource and Energy Economics*, Volume 35, Number 3, 2013.

“Enforcing Compliance with Environmental Agreements in the Absence of Strong Institutions: An Experimental Analysis” (with D. McEvoy) *Environmental and Resource Economics*, Volume 54, Number 1, 2013.

“Cooperation in and out of Markets: An Experimental Comparison of Public Good Games and Markets with Externalities” (with S. Kallbekken, S. Kroll and D. McEvoy) *Economics Letters*, Volume 120, Number 1, 2013.

“Coasean Bargaining” (with S. Cotten and J. Shogren) *Encyclopedia of Energy, Natural Resources and Environmental Economics* (Shogren, ed) Amsterdam: Elsevier, 2013.

“The Acceptability of Efficiency-enhancing Environmental Taxes, Subsidies and Regulation: An Experimental Investigation” (with S. Kallbekken and S. Kroll) *Environmental Science and Policy*, Volume 16, 2012.

“Wind Turbines and Coastal Recreational Demand” (with C. Landry, T. Allen and J. Whitehead) *Resource and Energy Economics* Volume 34, Number 1, 2012.

“Social Programs as Positive Inducements for Tax Compliance” (with J. Alm, M. Jones and M. McKee) *Journal of Economic Behavior and Organization*, Volume 84, Number 1, 2012.

Environmental Amenities and Regional Economic Development (edited with D. Rickman) London UK: Routledge, 2010. (paperback 2012)

“Environmental Conflicts with Reimbursement: Experimental Evidence” (with S. Cotten) *Economics Bulletin*, Volume 32, Number 4, 2012.

“Do You Not Like Pigou, or Do You Not Understand Him? Tax Aversion and Revenue Recycling in the Lab” (with S. Kallbekken and S. Kroll) *Journal of Environmental Economics and Management*, Volume 62, Number 1, 2011.

“Experimental Methods and Environmental and Natural Resource Policy,” (with M. McKee) in *Research Tools in Natural Resource and Environmental Economics*, (Batabyal and Nijkamp, eds.) New York: World Scientific, 2011.

“Sleeping with the Enemy: The Economic Cost of Internal Environmental Conflicts” (with S. Cotten) *Economic Inquiry*, Volume 49, Number 2, 2011.

“Taxpayer Information Assistance Services and Tax Compliance Behavior” (with J. Alm, M. Jones and M. McKee) *Journal of Economic Psychology*, Volume 31, Number 4, 2010.

“Pigouvian Tax Aversion and Inequity Aversion in the Lab” (with S. Kallbekken and S. Kroll) *Economics Bulletin*, Volume 30, Number 3, 2010.

Environmental Economics, Experimental Methods (edited with J. Shogren and S. Kroll) London UK: Routledge, 2007. (paperback 2009)

“Encouraging Filing via Tax Credits and Social Safety Nets” (with J. Alm, M. Jones, and M. McKee) *The IRS Research Bulletin*, Number 1500, 2009.

“Conditional Cooperation on Three Continents” (with M. Kocher, S. Kroll, R. Netzer and M. Sutter) *Economics Letters*, Volume 101, Number 3, 2008.

“Self-interest, Sympathy and the Origin of Endowments” (with J. Shogren) *Economics Letters*, Volume 101, Number 1, 2008.

"Examining the Role of Fairness in High Stakes Allocation Decisions" (with J. List) *Journal of Economic Behavior and Organization*, Volume 65, Issue 1, 2008.

“The Effects of Multiple Public Goods on Voluntary Contributions” (with D. Dickinson) *Environmental Economics, Experimental Methods* (Cherry, Kroll, Shogren, eds.) London UK: Routledge, 2008.

“Rationality Spillovers in Yellowstone” (with C. Settle and J. Shogren) *Environmental Economics, Experimental Methods* (Cherry, Kroll, Shogren, eds.) London UK: Routledge, 2008.

“Environmental Economics, Experimental Methods: Introduction” (with S. Kroll and J. Shogren) in *Environmental Economics, Experimental Methods* (Cherry, Kroll and Shogren, editors), London UK: Routledge 2007.

“The Impact of Endowment Heterogeneity and Origin on Contributions in Best-Shot Public Good Games” (with S. Kroll and J. Shogren) *Experimental Economics*, Volume 10, Number 4, 2007.

“Willingness to Pay for a Green Energy Program: A Comparison of Ex-ante and Ex-post Hypothetical Bias Mitigation Approaches” (with J. Whitehead) *Resource and Energy Economics*, Volume 29, Number 4, 2007.

“Voting, Punishment and Public Goods” (w/ S. Kroll and J. Shogren) *Economic Inquiry*, Volume 45, Number 3, 2007.

“Rationality Crossovers” (with J. Shogren) *Journal of Economic Psychology*, Volume 28, Number 2, 2007.

"Valuing Wildlife at Risk from Exotic Invaders in Yellowstone Lake" (with P. Frykblom, J. Shogren and J. List) *A Handbook of Contingent Valuation* (A. Alberini and J. Kahn, eds.) Cheltenham, UK: Edward Elgar, 2006.

“Costly Coasean Bargaining and Property Right Security” (with J. Shogren) *Environmental and Resource Economics*, Volume 31, Number 3, 2005.

"The Impact of Endowment Heterogeneity and Origin on Public Good Contributions: Evidence from the Lab" (with S. Kroll and J. Shogren) *Journal of Economic Behavior and Organization*, Volume 57, Number 3, 2005.

“Does Rank-order Grading Improve Student Performance? Evidence from a Classroom Experiment” (with L. Ellis) *International Review of Economic Education*, Volume 4, Number 1, 2005.

"Laboratory Testbeds and Nonmarket Valuation: The Case of Bidding Behavior in a Second Price Auction with an Outside Option" (with P. Frykblom, J. Shogren, J. List and M. Williams) *Environmental and Resource Economics*, Volume 29, Number 3, 2004.

"Are Preferences for Skewness Fixed or Fungible" (with S. Gunnarsson and J. Shogren) *Economics Letters*, Volume 80, Number 1, 2003.

"Crashing the Party: An Experimental Investigation of Strategic Voting in Primary Elections" (with S. Kroll) *Public Choice*, Volume 114, Number 3-4, 2003.

"Rationality Spillovers" (with J. Shogren and T. Crocker) *Journal of Environmental Economics and Management*, Volume 45, Number 1, 2003.

"Hardnose the Dictator" (with P. Frykblom and J. Shogren) *American Economic Review*, Volume 92, Number 4, 2002.

"Using Flexible Scenarios in Benefit Estimation: An Application of the Cluster Rule for the Pulp and Paper Industry" (with S. Kask, J. Shogren and P. Frykblom) *Recent Advances in Environmental Economics* (J. List and A. de Zeeuw, eds.) Cheltenham, UK: Edward Elgar, 2002.

"Family Ties, Labor Mobility, and Interregional Wage Differentials" (with P. Tsournos) *Journal of Regional Analysis and Policy*, Volume 31, Number 1, 2002.

"Aggregation Bias in the Economic Model of Crime" (with J. List) *Economics Letters*, Volume 75, Number 1, 2002.

"Valuing Safer Food: Lessons from a Decade in the Lab" (with J. Shogren, D. Hayes and J. Fox) *Choices*, Volume 17, Number 2, 2002.

"Valuing Multiple Health Risks from Long-Term Low Dosage Exposure to Hazardous Chemicals" (with S. Kask and J. Shogren) in *Cost-Benefit Analysis: Environmental and Ecological Perspectives*. New Brunswick, N.J. and London: Transaction, 2002.

"The Determinants of Prison Location: Do Policymakers use the Prison Industry for Economic Development?" (with M. Kunce) *Growth and Change*, Volume 32, Number 4, 2001.

"Bright Cars and Outsiders: Evidence of Asymmetric Estimates in Vehicular Speed" (with P. Andrade) *Journal of Applied Social Psychology*, Volume 31, Number 12, 2001.

"Financial Penalties as an Alternative Criminal Sanction: Evidence from Panel Data" *Atlantic Economic Journal*, Volume 29, Number 4, 2001.

"Mental Accounting and Other-regarding Behavior: Evidence from the Lab" *Journal of Economic Psychology*, Volume 22, Number 5, 2001.

"Invasive Species Management for the Yellowstone Lake Ecosystem: What do the Visitors Think?" (with J. Shogren) *Yellowstone Science*, Volume 9, Number 2, 2001.

"Valuing Pathogenic Risk: Methods, Skill, and Rationality" (with T. Stamland, J. Shogren and T. Crocker) *Valuing the Health Benefits of Food Safety*, Economic Research Service, US Department of Agriculture, ERSMP No. 1570, 2001.

"Learning to Accept in Ultimatum Games: Evidence from an Experimental Design that Generates Low Offers" (with J. List) *Experimental Economics*, Volume 3, Number 1, 2000.

"Unobserved Heterogeneity Bias when Estimating the Economic Model of Crime" *Applied Economics Letters*, Volume 6, Number 11, 1999. Abstracted in *Criminal Justice Abstracts*.

"Endogenous Timing in a Gaming Tournament" (with K. Baik, S. Kroll and J. Shogren) *Theory and Decision*, Volume 47, Number 1, 1999.

Grants and Contracts

Funded

"Implications of Solar Radiation Management for Strategic Behavior and Climate Governance" National Science Foundation – DRMS; Wyoming-Duke collaborative proposal (Cherry PI at Wyoming; M. Borsuk PI at Duke with co-PIs D. McEvoy, S. Kroll, W. Pizer, J. Wiener), \$962,595, 2020-2023.

"Successful Deployment of COVID-19 Technologies in Wyoming: Behavioral Insights for Planning and Communicating Policies and Vaccines" (co-PIs with M. Ashworth, S. Newbold, D. Finnoff, C. Jones Ritten, L. Thunstrom, J. Wulfhorst), Wyoming Health and Bioscience Innovation Hub, \$47,000, 2020-2021.

"A University-Utility Field Experiment to Study Electricity Demand Responses to Electronic Notifications" E2e/Sloan Foundation (co-PI w/ T. Mohr and D. McEvoy), \$213,253, 2017-2019.

"North Carolina Integrated Electric Utility Research Laboratory" (co-PI with J. Ramsdell, Ed Miller, D. Young, J. Hoyle and B. Raichle) UNC Research Opportunities Initiative Planning Grant, \$48,307, 2017.

"Estimating the Value of Sustainability" (co-PI with A. Morgan) Office of Sustainability, Appalachian State University, \$25,000, 2016.

"Energy Savings: From Regulation to Realization" (with H. Westskog) Research Council of Norway, RENERGI program, NOK 7,400,000 (\$1,250,000), 2012-2015.

"Conditional Cooperation and Cultural Worldviews" (co-PI with D. McEvoy) University Research Council, Appalachian State University, \$4,750, 2014-2015.

"Enforcing Compliance with Voluntary Agreements in the Absence of Strong Institutions: An Empirical Analysis" (co-PI with D. McEvoy) International Foundation for Research in Experimental Economics, \$7,500, 2012-2013.

"Designing Feasible and Efficient Climate Policies" (with S. Kallbekken et al.) Research Council of Norway, NORKLIMA program, project 190768, NOK 3,200,000 (\$550,000), 2009-2012.

"Mobility: Designing Feasible and Efficient Climate Policies" (with S. Kallbekken) Research Council of Norway, MOBILITY program, NOK 142,000 (\$26,000), 2011.

“Assess Public Policy Options for Increasing Adoption of Energy Conservation Technologies” (PI) NC State Energy Office, \$32,480, 2010-11.

“Rural Economic Opportunity: Barriers, Resources and Best Practices” (PI) North Carolina Rural Economic Development Center, \$100,000, 2009-10.

"Economic Effects of State Research Funding through the UNC System", (co-PI with M. McKee et al.) University of North Carolina Research Competitiveness Fund, \$90,130, 2009-2010.

“Billet Assignment and Resource Allocation Experiments” (co-PI with M. McKee and D. McEvoy), US Office of Naval Research, \$118,183, 2008-2010.

“Preferences for Off-Shore Wind Turbines: An Application of Visualization Wall Technology”, (PI) NC State Energy Office, \$39,000, 2008-2009.

“Behavioral Tax Research Using Experimental Economics: Encouraging Filing Participation and Social Network Effects” (co-PI with M. McKee et al.), US Internal Revenue Service, \$79,575, 2007-08.

"An Analysis of the Potential for an Advanced Materials Industry in Northwestern North Carolina" (co-PI with J. Hoyle) Northwest NC Advanced Materials Cluster Development Initiative, \$10,000, 2004.

"Wind Energy Conversion in the Appalachian Mountain Region of NC" (co-PI with D. Scanlin), US Department of Energy/NC Energy Office, \$135,000, 2002- 2003.

Selected Honors and Awards

GreenE Award, College of Business, Appalachian State University, 2019

Rasmuson Distinguished Chair in Economics, University of Alaska Anchorage, 2013-14

Transforming North Carolina Research Award, Appalachian State University, 2010

College Award for Excellence in Service, Appalachian State University, 2008

GSK Faculty Fellow, Institute for Emerging Issues, North Carolina State University, 2006

Honorable Harlan E. Boyles Professorship, College of Business, Appalachian State Univ, 2004

College Award for Excellence in Research, Appalachian State University, 2004

Visiting Graduate Student, Economic Science Laboratory, University of Arizona, 1997

National Service Medal, United States Army, 1991